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interface, the first and second service tools being accessible through the user interface.

system, as set forth in claim 1, wherein the user interface includes a launch pad, wherein the launch pad includes a first button and a second button and wherein the first button is coupled to one of the first and second service tools and the second button is coupled to respective one of the first and second service tools; and wherein the application contains instructions for performing service operations comprising:

a) computer based diagnostic advisor;
b) computer based service information database;
c) computer based workbench having a graphical user interface, a communication proxies and a binary network object;
d) a first and second interfaces, the first interface being coupled to the computer based diagnostic advisor and the second application being coupled to the computer based service information database; and
e) a system, wherein the diagnostic advisor provides service information in the system through the computer based workbench.

system, as set forth in claim 1, wherein the computer based electronic workbench includes a binary network object including a first and second application proxy, the third application

5 10. A system, as set forth in claim 9, wherein
the graphical user interface includes an application
container and a launch pad, wherein the launch pad
includes first and second buttons and wherein
actuation of one of the first and second buttons
10 launches a respective one of the first and second
service tools in the application container.

11. A system for performing service operations on a machine, comprising:

15 a computer based diagnostic advisor;
 a computer based service information system;
 a computer based workbench having first and
second application proxies and a binary network object
with first and second interfaces, the first
20 application proxy being coupled to the computer based
diagnostic advisor and the second application proxy
being coupled to the computer based service
information system, wherein the diagnostic advisor has
access to service information in the service
25 information system through the computer based
workbench.

12. A system, as set forth in claim 11,
including a computer based electronic technician and
30 wherein the binary network object includes a third
interface and the computer based workbench includes a
third application proxy, the third application proxy

13. A system, as set forth in claim 11, including a computer based data view module and wherein the binary network object includes a fourth interface and the computer based workbench includes a fourth application proxy, the fourth application proxy being coupled to the computer based data view module.

13. A system, as set forth in claim 11, including a computer based data view module and wherein the binary network object includes a fourth interface and the computer based workbench includes a fourth application proxy, the fourth application proxy being coupled to the computer based data view module.

14. A system, as set forth in claim 11, including a computer based engine performance estimator and wherein the binary network object includes a fifth interface and the computer based workbench includes a fifth application proxy, the fifth application proxy being coupled to the computer based engine performance estimator.

15. A system, as set forth in claim 11, including a computer based reports and feedback module and wherein the binary network object includes a sixth interface and the computer based workbench includes a sixth application proxy, the sixth application proxy being coupled to the computer based reports and feedback module.

16. A method for sharing service information between first and second service tools, including the steps of:

providing a binary network object having first and second interfaces;

providing a first application proxy coupled to

providing a second application proxy coupled to the second interface; and,

sharing service information between the first and second computer based service tools through the first and second application proxies and the first and second interfaces.

17. A method, as set forth in claim 16, wherein the first computer based service tool provides diagnostic services for the machine.

18. A method, as set forth in claim 16, wherein the machine is a mobile work machine.

19. A method, as set forth in claim 16, wherein the binary network object uses the Component Object Model.

20. A method, as set forth in claim 16, wherein the first and second application proxies each comprise a constant portion coupled to the binary network object and an application programming interface coupled to the constant portion.

21. A method, as set forth in claim 20,
including the step of communicating data by one of the
service tools to an other of the service tools through
the respective constant portions.

22. A method, as set forth in claim 21, wherein the first and second computer based service tools

using a respective communication method, as set forth in claim 1, wherein the communication programming interface of the second service tools is adapted for communicating with the first service tools using the respective communication method for sharing service information between the first and second service tools, wherein the first service tools includes a binary network object having a first set of interfaces; wherein the second service tools includes a first application proxy having a second set of interfaces; wherein the first service tools includes a second application proxy having a third set of interfaces; wherein the first service tools and the second service tools exchange service information between the first and second computer based service tools through the first and second application proxies and the first and second interfaces; and, wherein the first service tools includes a graphical user interface for displaying computer based service tools through the graphical user interface.

method, as set forth in claim 1, wherein the step of providing the graphical user interface with an application container and the launch pad includes first and second launch pads wherein actuation of one of the first and second launch pads launches a respective one of the first and second service tools in the application container.

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        providing a binary network object having first
and second interfaces;

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providing a second application proxy coupled to the second interface;

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providing a graphical user interface, the first and second computer based service tools being accessible through the graphical user interface.

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26. A method for sharing service information between a computer based diagnostic advisor and a computer based service information system, including
5 the steps of:

providing a binary network object having first and second interfaces;

providing a first application proxy coupled to the first interface;

10 providing a second application proxy coupled to the second interface; and,

sharing service information between the computer based diagnostic advisor and the computer based service information system through the first and
15 second application proxies and the first and second interfaces.

27. A computer program product for sharing service information between a first computer based
20 service tool and a second computer based service tool, including the steps of:

computer readable program code means for providing a binary network object having first and second interfaces;

25 computer readable program code means for providing a first application proxy coupled to the first interface;

computer readable program code means for providing a second application proxy coupled to the
30 second interface; and,

computer readable program code means for sharing service information between the first and second

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computer based service tools through the first and second application proxies and the first and second interfaces.

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